

Light Shed 60 Linen

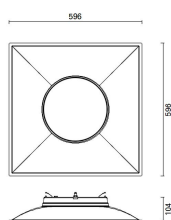
Design iGuzzini

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Last information update: July 2025

Product configuration: PY77

PY77: 596X596 - Warm White - MPO screen - HO - UGR<19 - CASAMBI



Product code

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Technical description

596x596 mm luminaire for pendant installation or surface-mounted on a modular grille - LED lamp with high colour rendering index; 3000K warm white colour tone emission. NFPP (Natural Fiber Polypropylene) unit produced with Bio-Based material (material of biological origin whose key advantage is it comes from renewable sources). Product with high efficiency LED complete with MPO screen for UGR<19 L<3000 cd/mq $\alpha > 65^\circ$ emission, for use in environments with video monitors in compliance with EN 12464-1. Luminaire complete with power supply with CASAMBI Bluetooth technology, frequency 2.4 GHz. The luminaire can be controlled with the Casambi system app and components that enable on-off, dimming and scene recall functions. The app is available on the Apple Store and Google Play Store. It can be integrated in the system's mesh network that allows multiple luminaires to be controlled. Integrated Beacon that can be activated via an app (iBeacon) that enables smart functions for third party applications and the Jiminy Push Notification app. The electrical cables used are made of a "halogen free" material. (This means that the cables do not contain any halogen materials that in the event of a fire do not emit toxic or corrosive gases and only a small quantity of opaque fumes).

Installation

Surface-mounted on 600x600 mm modular panels.

Recessed in plasterboard false ceilings using a frame accessory to be ordered separately.

Pendant-mounted using accessories to be ordered separately.

Colour

Écru (S0)

Weight (Kg)

1.6

Mounting

ceiling recessed|ceiling pendant

Notes

Max Luminaire-Luminaire distance 8 m.

The maximum distance is affected by physical obstacles, like walls, metal panels and the layout of the system.

TPb rated

Complies with EN60598-1 and pertinent regulations



IP20

IP43

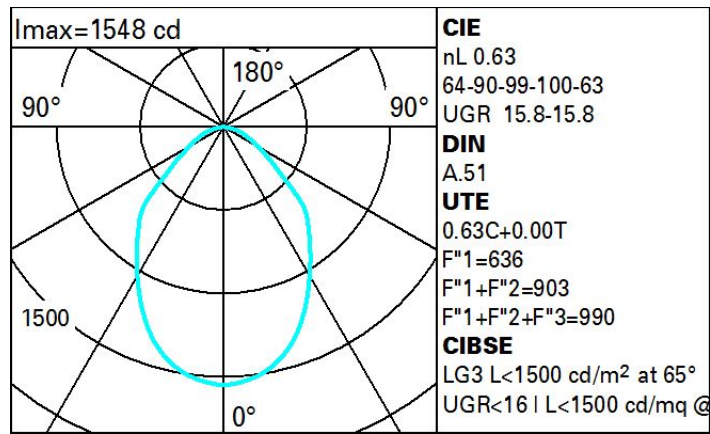
On the visible part of the product once installed



Technical data

Im system:	2709	Voltage [Vin]:	230
W system:	30.2	Lamp code:	LED
Im source:	4300	Number of lamps for optical assembly:	1
W source:	26	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	89.7	Number of optical assemblies:	1
Im in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	20 A / 25 μ s
Light Output Ratio (L.O.R.) [%]:	63	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 34 luminaires B16A: 55 luminaires C10A: 57 luminaires C16A: 93 luminaires
CRI (minimum):	90	Minimum dimming %:	1
Colour temperature [K]:	3000	Overvoltage protection:	2kV Common mode & 1kV Differential mode
MacAdam Step:	3	Control:	Casambi
Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)		

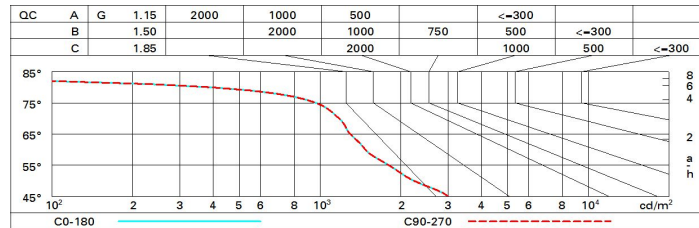
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	46	41	37	34	40	36	36	32	51
1.0	50	45	41	39	44	41	41	37	59
1.5	56	52	49	46	51	48	48	44	70
2.0	59	56	54	51	55	53	52	49	78
2.5	61	59	56	55	57	56	55	52	83
3.0	62	60	59	57	59	58	57	54	86
4.0	64	62	61	60	61	60	59	56	89
5.0	65	63	62	61	62	61	60	58	92

Luminance curve limit



UGR diagram

Corrected UGR values (at 4300 lm bare lamp luminous flux)												
Reflect.: ceiling/cav walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise					
2H	2H	14.1	15.1	14.4	15.3	15.6	14.1	15.1	14.4	15.3	15.6	
	3H	14.8	15.7	15.2	16.0	16.3	14.3	15.2	14.7	15.5	15.8	
	4H	15.1	15.9	15.5	16.2	16.6	14.4	15.2	14.7	15.5	15.9	
	6H	15.2	15.9	15.5	16.3	16.6	14.4	15.2	14.8	15.5	15.8	
	8H	15.1	15.9	15.5	16.2	16.6	14.4	15.1	14.8	15.5	15.8	
	12H	15.1	15.8	15.5	16.2	16.5	14.3	15.1	14.7	15.4	15.8	
4H	2H	14.4	15.2	14.7	15.5	15.9	15.1	15.9	15.5	16.2	16.6	
	3H	15.3	16.0	15.7	16.4	16.8	15.5	16.2	15.9	16.6	16.9	
	4H	15.7	16.3	16.1	16.7	17.1	15.7	16.3	16.1	16.7	17.1	
	6H	15.8	16.3	16.2	16.7	17.2	15.8	16.3	16.2	16.7	17.2	
	8H	15.8	16.3	16.2	16.7	17.1	15.8	16.3	16.2	16.7	17.1	
	12H	15.7	16.2	16.2	16.6	17.1	15.7	16.2	16.2	16.6	17.1	
8H	4H	15.8	16.3	16.2	16.7	17.1	15.8	16.3	16.2	16.7	17.1	
	6H	15.9	16.3	16.4	16.8	17.2	15.9	16.3	16.3	16.7	17.2	
	8H	15.9	16.2	16.3	16.7	17.2	15.9	16.2	16.3	16.7	17.2	
	12H	15.8	16.1	16.3	16.6	17.1	15.8	16.1	16.3	16.6	17.1	
12H	4H	15.7	16.2	16.2	16.6	17.1	15.7	16.2	16.2	16.6	17.1	
	6H	15.9	16.2	16.4	16.7	17.2	15.8	16.2	16.3	16.6	17.1	
	8H	15.8	16.1	16.3	16.6	17.1	15.8	16.1	16.3	16.6	17.1	
Variations with the observer position at spacing:												
S =		1.0H	0.6 / -0.6		0.6 / -0.6							
		1.5H	1.0 / -1.4		1.0 / -1.4							
		2.0H	2.0 / -1.9		2.0 / -1.9							